

## **Comments on Data Provided by Tim Drexler, USEPA, on 2/5/2010**

**October 10, 2006 memo: A. Elizabeth Perry to Kevin Herron**

**First sampling event**

**Cover Page**

Data unvalidated: It would seem appropriate to not use unvalidated data for Superfund decision documents (e.g., Risk Assessment)? Is it legally defensible? I would assume no in both cases. Will this data be validated before it is used in Superfund decision documents?

### **Data Table**

6 monitor wells to west of landfill, 2 to northeast in residential area, 1 to southwest, none to northwest to cover large residential area in Pines. There were ample wells to cover the northwest. Data seems to be lacking in the most critical direction.

Uranium data in ug/L does not contain U-234 concentrations. Total Uranium in the USEPA Drinking Water Standards is the sum of U-238 + U-234 + U-235. Therefore, this data is lacking in an essential radionuclide. Only with the inclusion of U-234 will it be possible to determine if the MCL is exceeded.

**RI/FS 1<sup>st</sup> Quarter Sampling**

**ENSR Table 2-13**

**Gamma Spectrometry Data**

January 18, 2007 memo says only limited validation. Is this data usable?

For U designated data no sampling reporting limits are given. It is difficult to know if the sample reporting limit was reasonable.

### **ICPMS Data**

**ID: 169878011, 170200003, 170200004, 170200005, 169541008, 170069013,  
170069014, 170069015, 169620001, 169620002, 1696200003, 169620004**

Sample Uranium data in ug/L does not contain U-234 concentrations. Total Uranium in the USEPA Drinking Water Standards is the sum of U-238 + U-234 + U-235. Therefore, this data is lacking in an essential radionuclide. Only with the inclusion of U-234 will it be possible to determine if the MCL is exceeded.

Is data validated?

